

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF138004.D
 Acq On : 22 May 2024 14:49
 Operator : CG\JU
 Sample : P2525-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-MH-AAMS

Quant Time: May 22 15:18:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	145521	20.000	ng	-0.01
21) Naphthalene-d8	8.322	136	573840	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	327704	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	562140	20.000	ng	0.00
76) Chrysene-d12	14.227	240	273280	20.000	ng	0.00
86) Perylene-d12	15.792	264	304568	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1051559	122.747	ng	0.02
7) Phenol-d6	6.657	99	1265290	119.898	ng	0.00
23) Nitrobenzene-d5	7.598	82	865374	88.749	ng	-0.01
42) 2,4,6-Tribromophenol	10.880	330	487673	147.590	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1840684	86.522	ng	0.00
79) Terphenyl-d14	13.163	244	1857157	100.157	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.140	88	138463	37.309	ng	# 85
3) Pyridine	3.828	79	282489	33.923	ng	99
4) n-Nitrosodimethylamine	3.781	42	166447	45.309	ng	100
6) Aniline	6.698	93	185449	19.647	ng	98
8) 2-Chlorophenol	6.822	128	433902	46.802	ng	100
9) Benzaldehyde	6.592	77	40105	7.024	ng	97
10) Phenol	6.669	94	454344	42.654	ng	99
11) bis(2-Chloroethyl)ether	6.769	93	378477	46.277	ng	99
12) 1,3-Dichlorobenzene	6.981	146	458078	42.705	ng	99
13) 1,4-Dichlorobenzene	7.051	146	464638	43.154	ng	98
14) 1,2-Dichlorobenzene	7.204	146	448624	44.271	ng	99
15) Benzyl Alcohol	7.175	79	349308	49.570	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.298	45	481291	47.873	ng	99
17) 2-Methylphenol	7.275	107	345162	46.684	ng	99
18) Hexachloroethane	7.545	117	158250	43.434	ng	96
19) n-Nitroso-di-n-propyla...	7.445	70	285056	48.079	ng	99
20) 3+4-Methylphenols	7.428	107	441210	45.551	ng	95
22) Acetophenone	7.445	105	593313	46.154	ng	99
24) Nitrobenzene	7.616	77	432312	43.704	ng	96
25) Isophorone	7.851	82	798620	47.191	ng	99
26) 2-Nitrophenol	7.934	139	239471	48.180	ng	99
27) 2,4-Dimethylphenol	7.957	122	321434	50.230	ng	97
28) bis(2-Chloroethoxy)met...	8.057	93	484006	47.189	ng	99
29) 2,4-Dichlorophenol	8.169	162	385391	47.893	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	399389	44.452	ng	98
31) Naphthalene	8.339	128	1283722	44.492	ng	99
32) Benzoic acid	8.075	122	269456	49.812	ng	98
33) 4-Chloroaniline	8.381	127	42636	4.508	ng	99
34) Hexachlorobutadiene	8.451	225	240731	42.331	ng	99
35) Caprolactam	8.763	113	112621m	48.307	ng	
36) 4-Chloro-3-methylphenol	8.863	107	400986	48.985	ng	98
37) 2-Methylnaphthalene	9.033	142	868245	46.814	ng	98
38) 1-Methylnaphthalene	9.133	142	804704	44.134	ng	100
40) 1,2,4,5-Tetrachloroben...	9.198	216	413021	46.360	ng	99
41) Hexachlorocyclopentadiene	9.186	237	454120	134.148	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	285946	48.952	ng	99

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44) 2,4,5-Trichlorophenol	9.357	196	304745	47.680	ng	98
46) 1,1'-Biphenyl	9.498	154	1069992	46.552	ng	99
47) 2-Chloronaphthalene	9.528	162	832528	45.375	ng	98
48) 2-Nitroaniline	9.622	65	228508	48.635	ng	99
49) Acenaphthylene	9.945	152	1316866	49.915	ng	99
50) Dimethylphthalate	9.798	163	1009460	49.123	ng	99
51) 2,6-Dinitrotoluene	9.863	165	222740	47.227	ng	99
52) Acenaphthene	10.122	154	896536	51.416	ng	99
53) 3-Nitroaniline	10.033	138	52298	11.342	ng	92
54) 2,4-Dinitrophenol	10.139	184	251741	97.162	ng	# 87
55) Dibenzofuran	10.292	168	1203145	47.411	ng	99
56) 4-Nitrophenol	10.192	139	316182	95.476	ng	95
57) 2,4-Dinitrotoluene	10.269	165	303611	49.795	ng	# 87
58) Fluorene	10.639	166	949497	47.304	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	258423	51.468	ng	98
60) Diethylphthalate	10.498	149	950087	49.504	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	472862	47.771	ng	98
62) 4-Nitroaniline	10.657	138	190882	43.648	ng	98
63) Azobenzene	10.786	77	842750	48.276	ng	99
65) 4,6-Dinitro-2-methylph...	10.680	198	171555	52.854	ng	94
66) n-Nitrosodiphenylamine	10.745	169	792146	45.951	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	293234	47.582	ng	98
68) Hexachlorobenzene	11.186	284	321225	47.155	ng	99
69) Atrazine	11.263	200	185336	39.371	ng	99
70) Pentachlorophenol	11.380	266	388917	97.465	ng	98
71) Phenanthrene	11.604	178	1309435	47.269	ng	99
72) Anthracene	11.657	178	1353356	49.239	ng	99
73) Carbazole	11.810	167	1101913	43.888	ng	100
74) Di-n-butylphthalate	12.127	149	1417958	50.889	ng	99
75) Fluoranthene	12.798	202	1260366	44.824	ng	99
77) Benzidine	12.916	184	69363	19.421	ng	97
78) Pyrene	13.027	202	1214825	50.825	ng	100
80) Butylbenzylphthalate	13.633	149	427246	59.261	ng	99
81) Benzo(a)anthracene	14.216	228	857807	49.615	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	73899	15.423	ng	99
83) Chrysene	14.257	228	807700	48.848	ng	100
84) Bis(2-ethylhexyl)phtha...	14.186	149	524119	57.832	ng	100
85) Di-n-octyl phthalate	14.815	149	812025	66.323	ng	99
87) Indeno(1,2,3-cd)pyrene	17.421	276	812942	41.545	ng	100
88) Benzo(b)fluoranthene	15.321	252	847899	48.081	ng	99
89) Benzo(k)fluoranthene	15.357	252	855871	49.403	ng	99
90) Benzo(a)pyrene	15.727	252	796256	52.878	ng	99
91) Dibenzo(a,h)anthracene	17.439	278	661759	40.933	ng	99
92) Benzo(g,h,i)perylene	17.915	276	578699	34.074	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

